STORAGE / TRANSFER DEVICE IMAGE DISPLAY DEVICE FILE OUTPUT DEVICE IMAGE DATA က DECODING DEVICE CODE SEQUENCE 9 X-RAY DOSAGE DATA CODE SEQUENCE APPENDED DATA ENCODING DEVICE S FILE INPUT DEVICE IMAGE DATA S. IMAGE INPUT DEVICE Ⅱ

1/37

FIG. 2

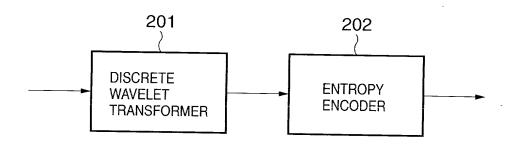


FIG. 3A

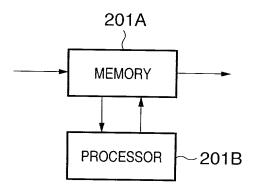


FIG. 3B

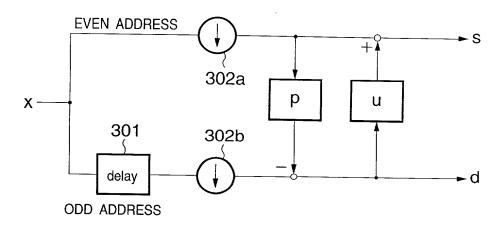


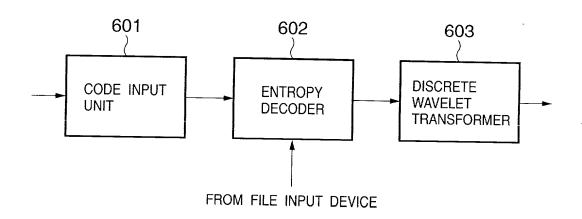
FIG. 3C

LL	HL2	111.4
LH2	НН2	HL1
Lŀ	1 1	HH1

0 0 MSB MSB LSB

FIG. 5A	M	유 -	BS0	표	1 BS1	· 	THn-1	BSn-1	_		
F1G. 5B	IMAGE	IMAGE SIZE	TILE SIZE		NUMBER OF COMPONENTS	OF INTS	COMPONENT	LZ			
F1G. 5C	TILE I	TILE LENGTH	ENCC	ENCODING PARAMETER	[]						
F 1 G. 5D	(S-1)	(S-1) BIT PLANE (S-2) BIT PLANE	ANE (S	-2) BIT	PLANE			0 BIT PLANE	INE		
	1		7	_	- : :	1		ZZ T	Ï	Ξ	Ŧ

PATIENT'S NAME IMAGE SENSING DATA	X-RAY DOSAGE	CODE SEQUENCE
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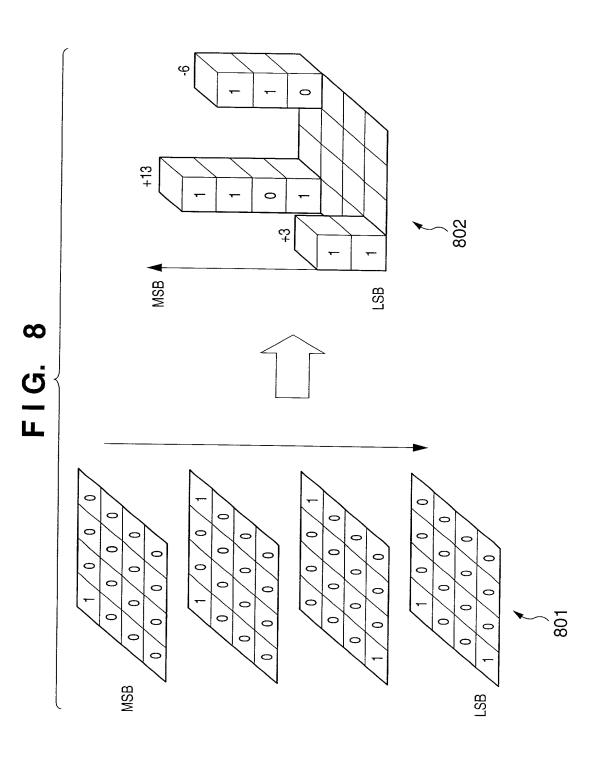


FIG. 9A

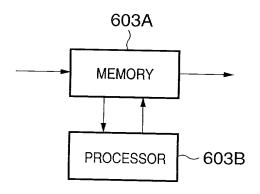


FIG. 9B

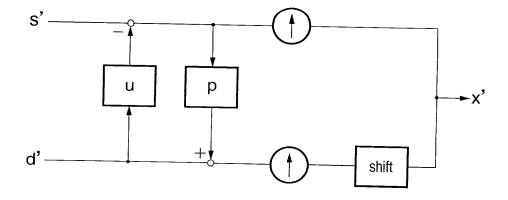
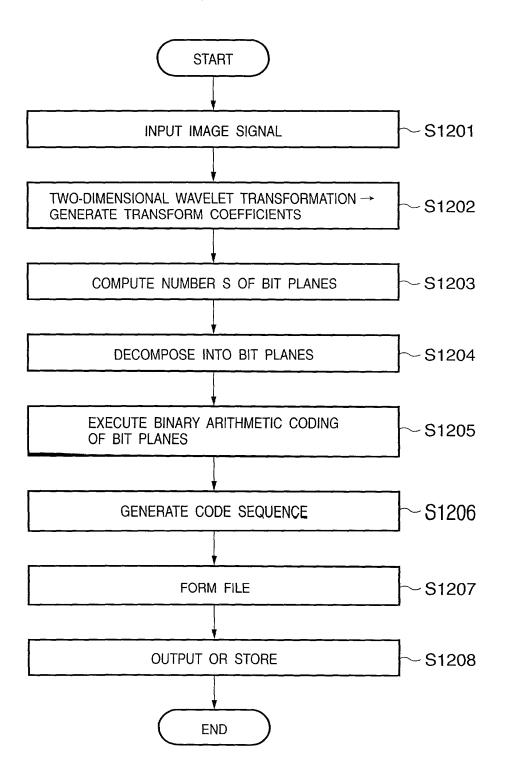
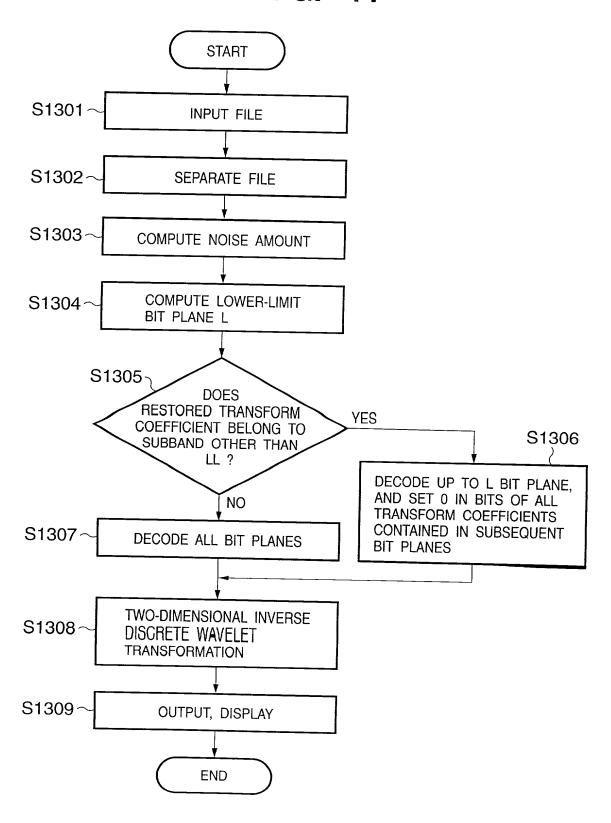


FIG. 10





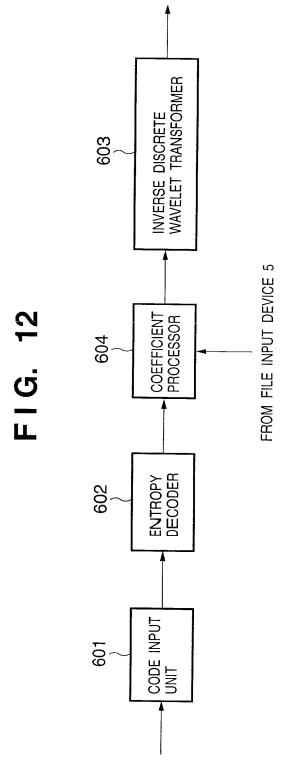


FIG. 13

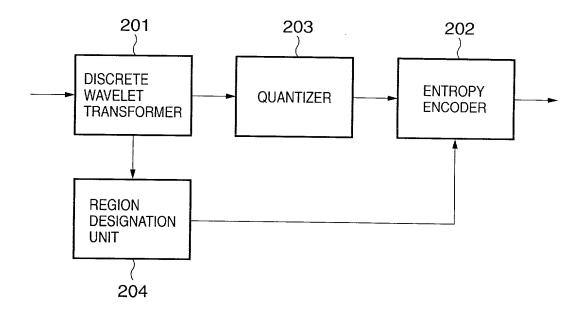


FIG. 14A

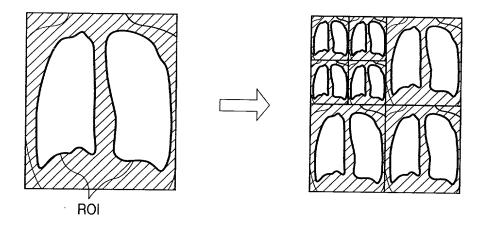


FIG. 14B

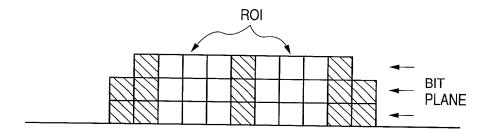


FIG. 14C

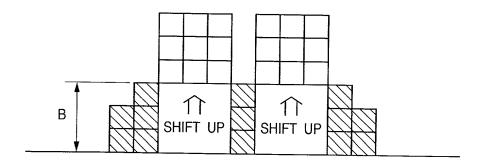


FIG. 15A

15/37

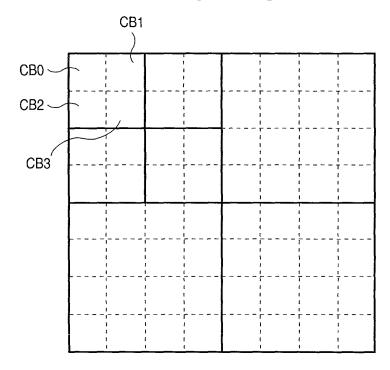
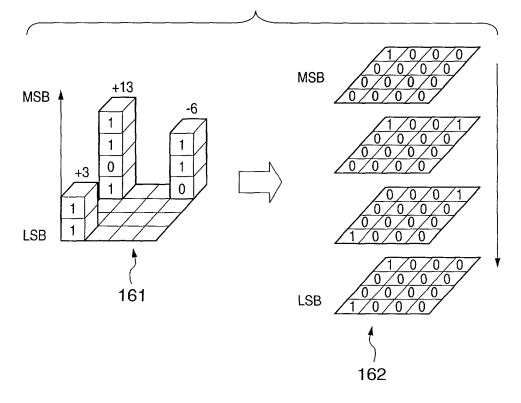
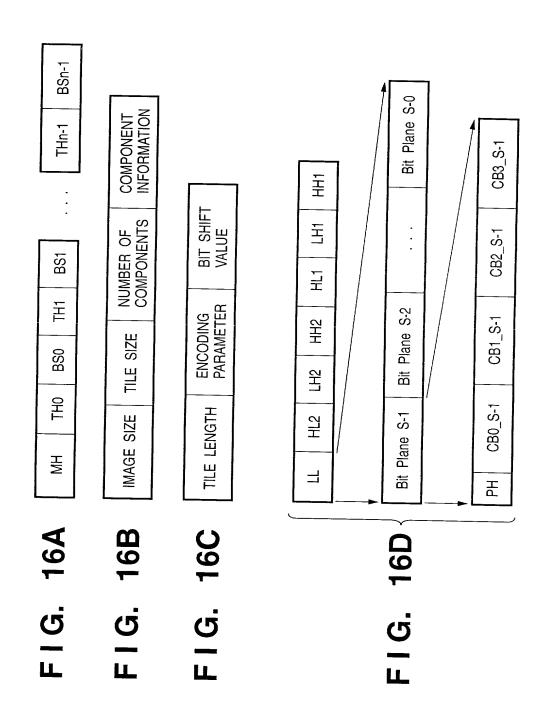
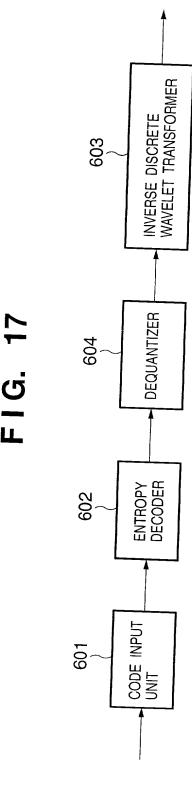
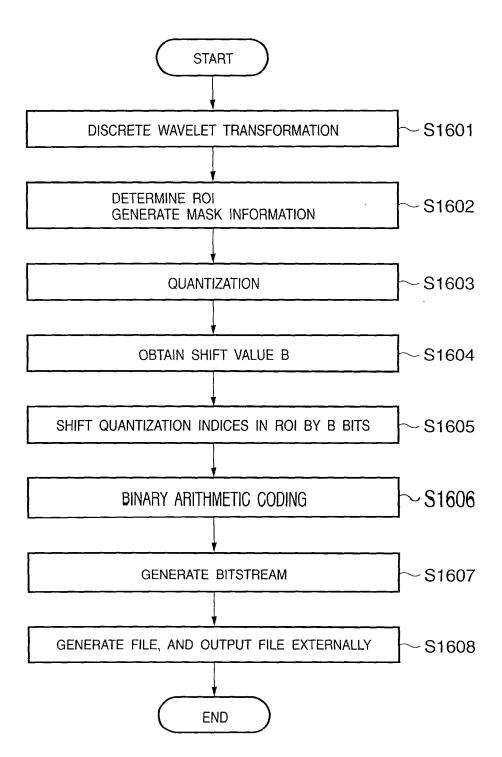


FIG. 15B









19/37 FIG. 19 **START** S100 SEPARATE FILE READ OUT AND DECODE LL SUBBAND CODE ~S101 S102 READ OUT ONE HIGH-PASS SUBBAND CODE SET LOWER-LIMIT BIT PLANE FROM COEFFICIENT S103 VALUES OF LL SUBBAND DECODE ALL BIT PLANES OF ROL S104 S105 DECODE ONE BIT PLANE S106 NO END OF LOWER-LIMIT BIT PLANE ? YES -S107 SHIFT DOWN AND DEQUANTIZATION S108 NO END OF ALL SUBBANDS ? YES INVERSE DISCRETE WAVELET S109 TRANSFORMATION AND DISPLAY

END

FIG. 20A

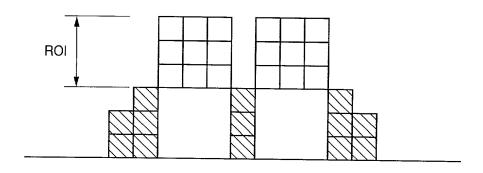


FIG. 20B

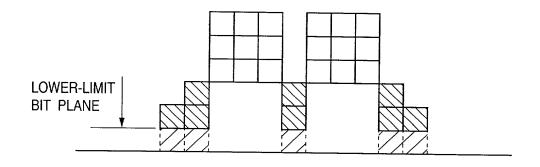


FIG. 20C

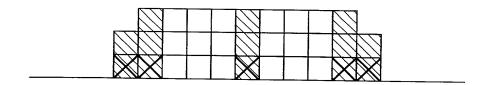
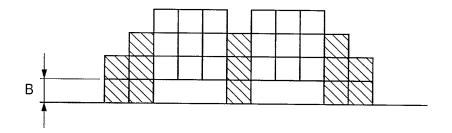
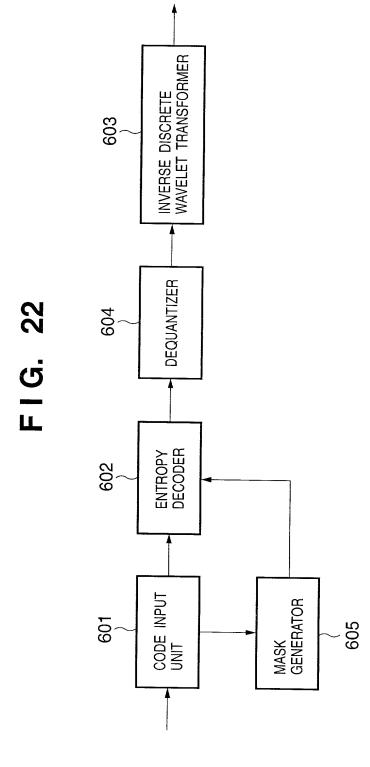
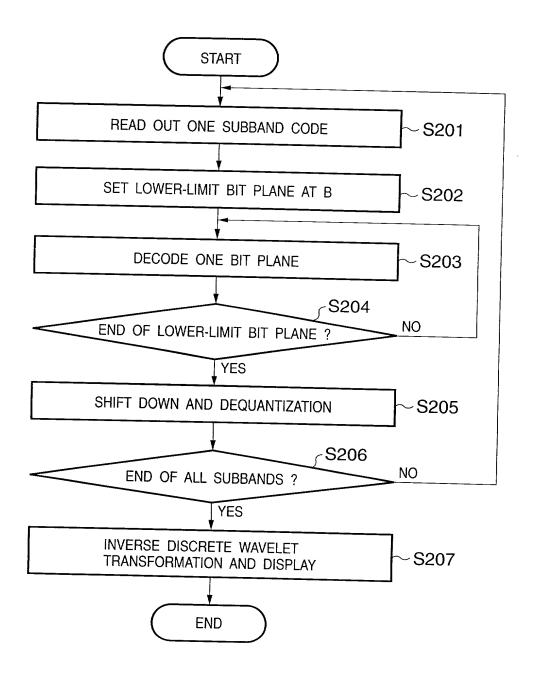


FIG. 21







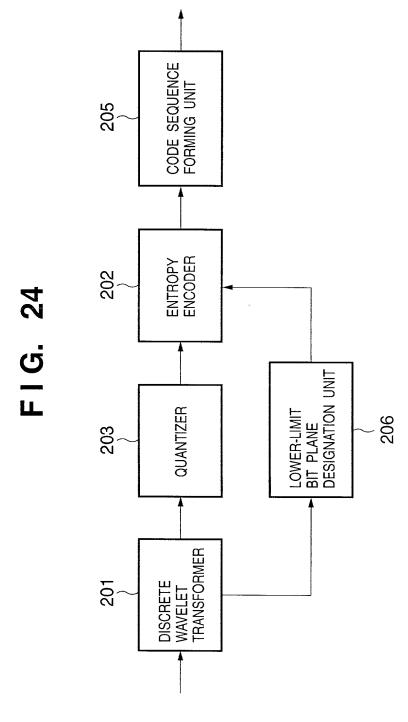
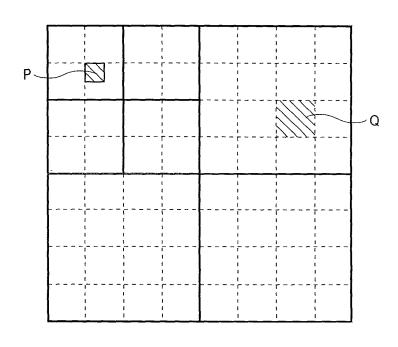
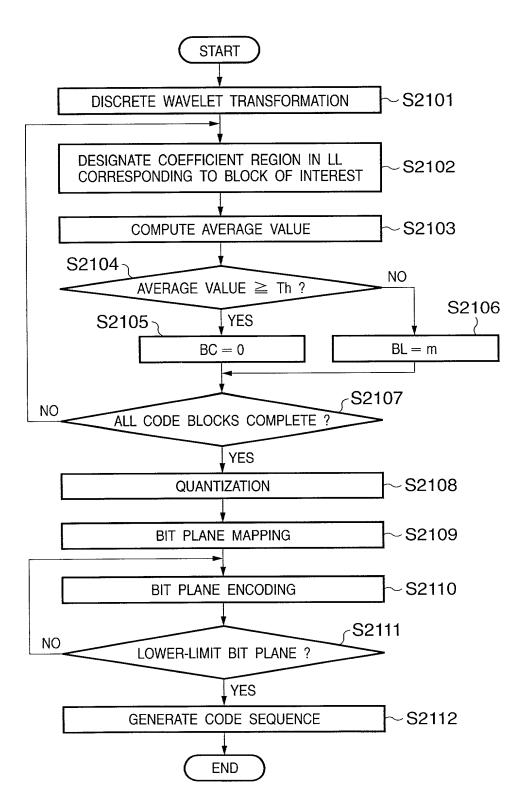
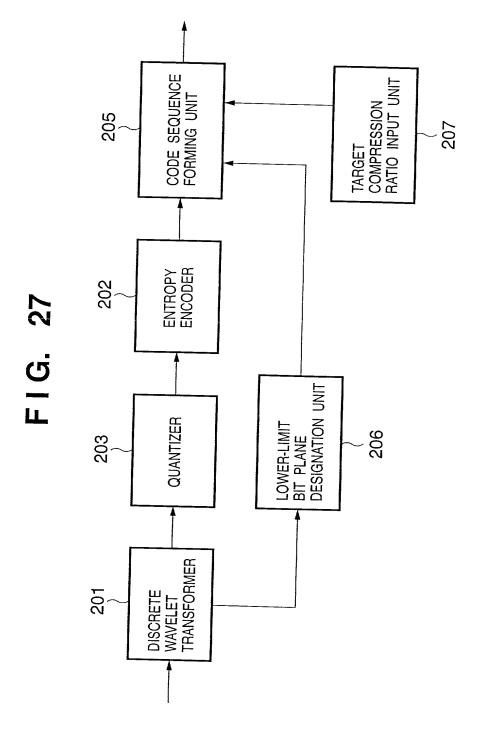
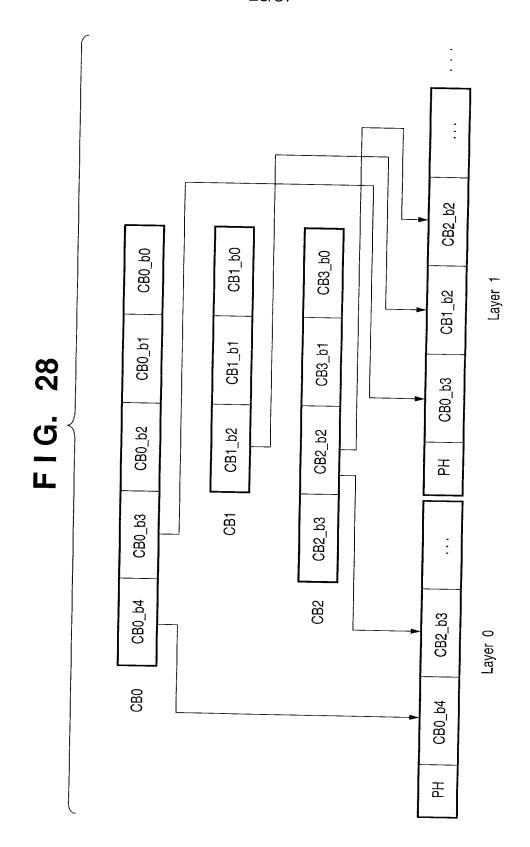


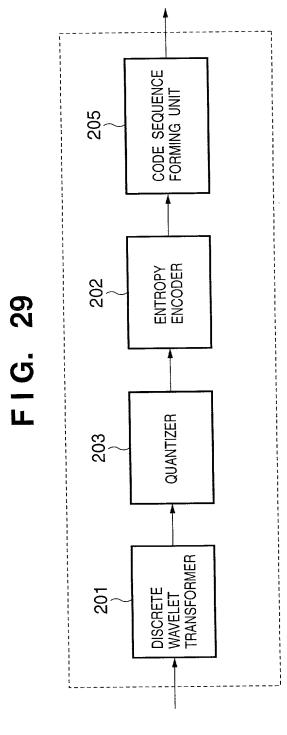
FIG. 25











30/37

FIG. 30A

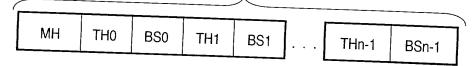


FIG. 30B

IMAGE SIZE	TILE SIZE	NUMBER OF COMPONENTS	COMPONENT
		OOM ONLIVES	INFORMATION

FIG. 30C

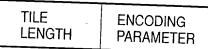


FIG. 30D

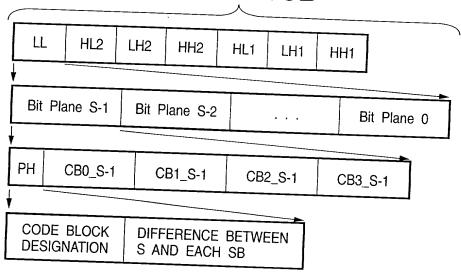
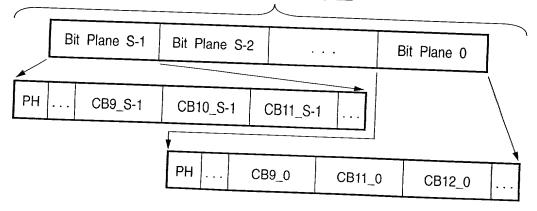


FIG. 30E



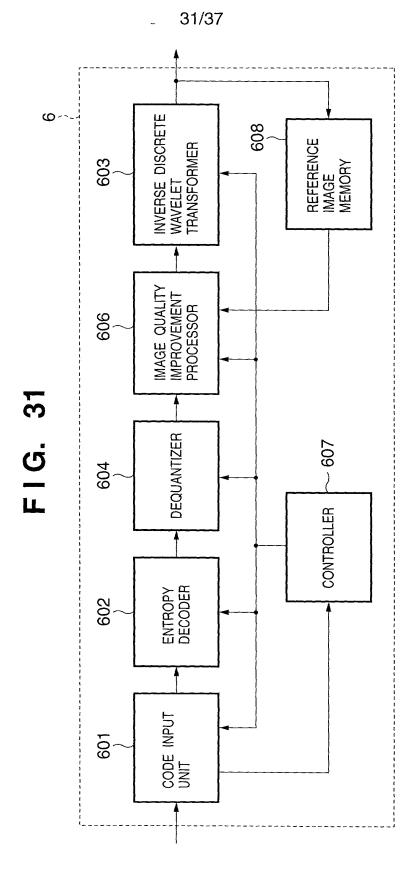


FIG. 32

LL	0	
0	0	0
0		0

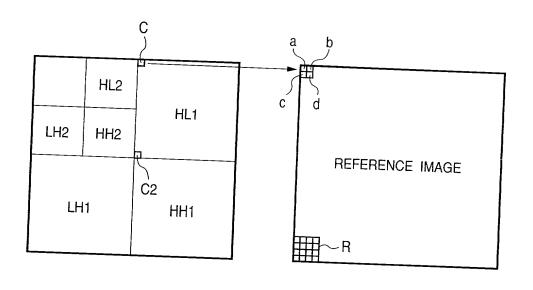


FIG. 34

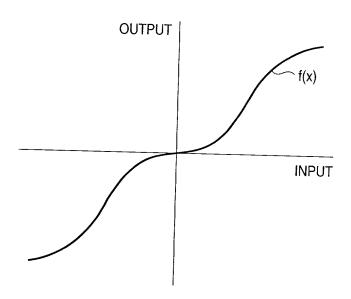


FIG. 35

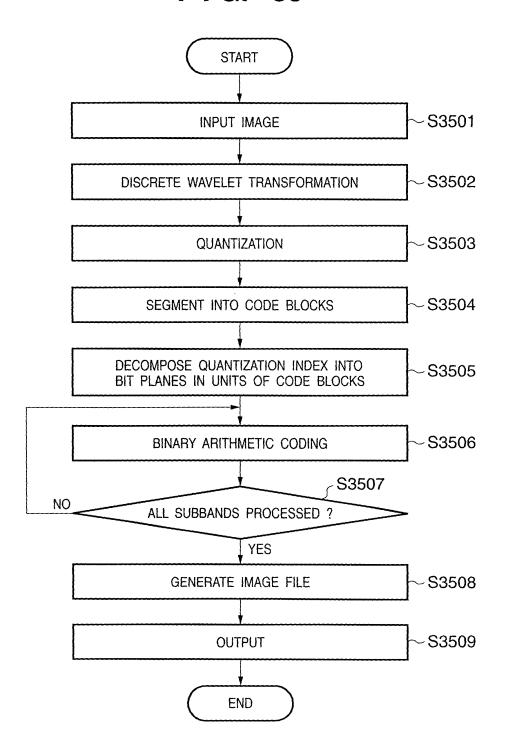


FIG. 36

36/37

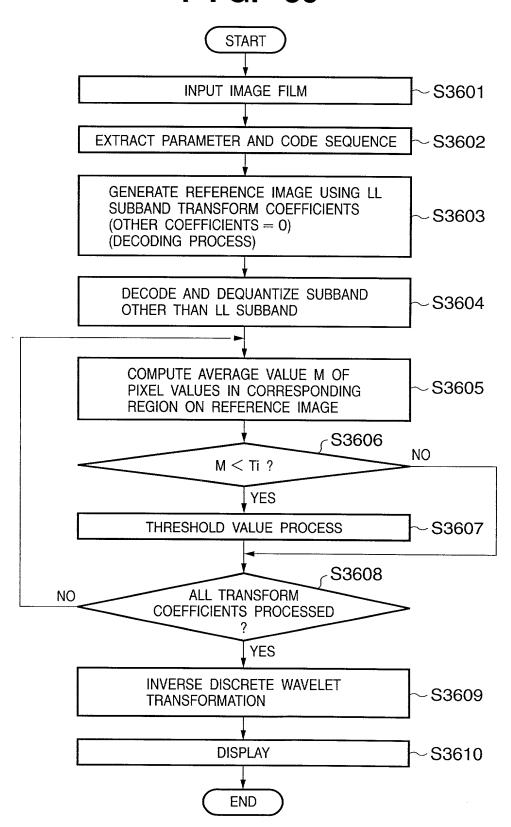


FIG. 37

LL	HL2	0
LH2	HH2	0
0		0